

What is claimed is:

1. A method, comprising:
receiving an indicator of the ambient light for a system having a display; and
automatically adjusting a brightness for the display based upon the indicator.

2. The method of claim 1, further comprising:
using the indicator as an index into a look-up table.

3. The method of claim 1, wherein receiving the indicator of the ambient light further comprises using a light meter circuit.

4. The method of claim 1, wherein receiving the indicator of the ambient light further comprises:
accumulating energy into a plurality of sensors of an imager;
deriving an integration time based upon the accumulated energy;
and
determining the indicator based upon the integration time.

5. The method of claim 2, further comprising:
receiving a brightness value for the display from the look-up table.

6. The method of claim 4, wherein accumulating energy comprises producing an analog voltage signal.

1 7. The method of claim 3, wherein using the light meter circuit
2 comprises producing a logarithmic representation of the incident light received.

1 ~~8.~~ A system, comprising:
2 a receiver of light information to produce an indicator; and
3 a driver coupled to the receiver, wherein the driver receives the
4 indicator, and, based upon the indicator, automatically sends a signal to control a
5 brightness of a display.

1 9. The system of claim 8, further comprising:
2 a display coupled to the driver, wherein the display receives the
3 signal.

1 10. The system of claim 8, further comprising:
2 a look-up table in the receiver, comprising a plurality of values
3 corresponding to the light information and a plurality of values corresponding to
4 the indicator.

1 11. The system of claim 10, wherein the driver receives the indicator
2 from the look-up table.

1 12. The system of claim 10, wherein the plurality of values and the
2 plurality of indicators in the look-up table are based upon a display type.

1 13. The system of claim 12, wherein the display type is a direct view
2 liquid crystal display.

1 14. The system of claim 13, wherein the display type is a microdisplay.

1 15. The system of claim 8, wherein the receiver is a mobile
2 communications device.

1 16. The system of claim 8, wherein the receiver is a mobile information
2 device.

1 17. The system of claim 8, wherein the indicator is a voltage from a
2 sensor.

1 18. An article comprising a medium storing instructions that, upon
2 execution, cause a processor-based system to:
3 receive an indicator of the ambient light for a system having a
4 display; and
5 automatically adjust a brightness for the display based upon the
6 indicator.

1 19. The article of claim 18, further storing instructions that, upon
2 execution, cause a processor-based system to:
3 convert the indicator into a second indicator;
4 use the second indicator to derive a value; and
5 automatically adjust the brightness for the display using the value.

1 20. The article of claim 18, further storing instructions that, upon
2 execution, cause a processor-based system to:

use the indicator as an index into a look-up table; and

receive a brightness value for the display from the look-up table.

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